USER'S MANUAL

KAPEGO CONTROL XS

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1. Safety instructions

- All modifications to the device will void the warranty.
- Repairs are to carry out by skilled personnel only.
- Use only fuses of the same type and original parts as spare parts.
- Protect the unit from rain and humidity to avoid fire and electric shocks.
- Make sure to unplug the power supply before opening the housing.

1.1. For safe and efficient operation

Be careful with heat and extreme temperature

Avoid exposing it to direct rays of the sun or near a heating appliance.

Do not put it in a temperature below -40°F /-40°C, or exceeding 175°F /80°C.

Keep away from humidity, water and dust

Do not place the set in a location with high humidity or lots of dust.

Containers with water should not be placed on the set.

Keep away from sources of hum and noise

Such as transformer motor, tuner, TV set and amplifier.

To avoid placing on un-stable location

Select a level and stable location to avoid vibration.

Do not use chemicals or volatile liquids for cleaning

Use a clean dry cloth to wipe off the dust, or a wet soft cloth for stubborn dirt.

If out of work, contact sales agency immediately

If any troubles arise, remove the power plug soon, and contact an engineer for repairing.

Do not open the cabinet by yourself, it might result a danger of electric shock.

Take care with the power cable

Never pull the power cable to remove the plug from the receptacle, be sure to hold the plug.

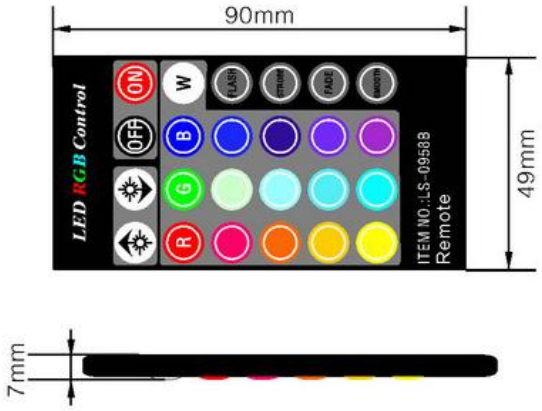
When not using the device for an extended period of time, be sure to disconnect the plug from the receptacle.

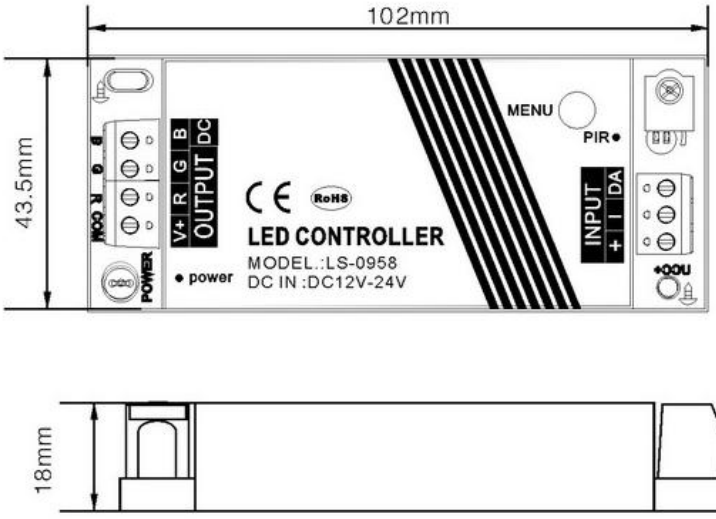
Important: **Damages caused by the disregard of this user manual are not subject to warranty. The dealer will not accept liability for any resulting defects or problems. Make sure the electrical connection is carried out by qualified personnel. All electrical and mechanical connections have to be carried out according to the European safety standards.**

2. Description

- Controllable via button on the controller or remote control (max. distance 7 meters)
- For all SMD 3in1 LEDs with 4 wires (RGBV+)
- 15 color variations and various fades and flash sequences preprogrammed
- Up to 350W per controller (at 24V input current)
- Up to 180W per controller (at 12V input current)
- The controllers can work congruently via data line.
- Adhesive tape on the reverse side or screw holes for installation
- IR remote control distance up to 7 meters
- Measurements of the controller: 102mm x 40mm x 18mm
- Measurements of the remote control: 84mm x 40mm x 6mm
- Working temperature -20°C to +50°C
- Stand-by temperature -40°C to +85°C

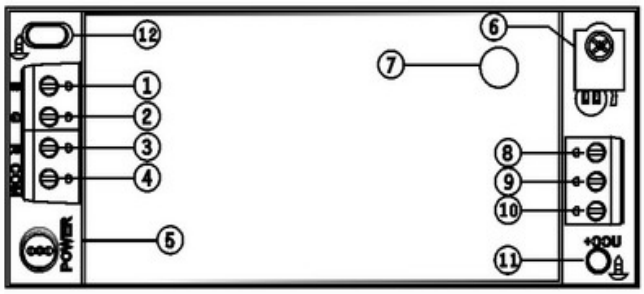
3. Pictures of the product size





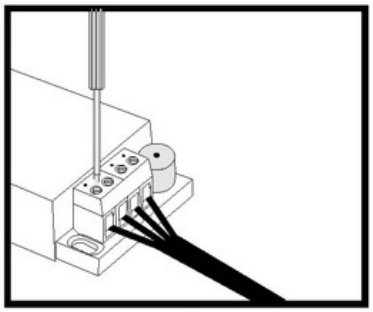
4. Functionality

1. Brightness adjustment (3 steps)
2. On Off buttons
3. Color selection buttons
4. Color change selection
    a. Flash – 7 colors flash up
    b. Strobe – 3 colors strobe
    c. Fade – 7 colors fade in and out
    d. Smooth – similar but softer fade

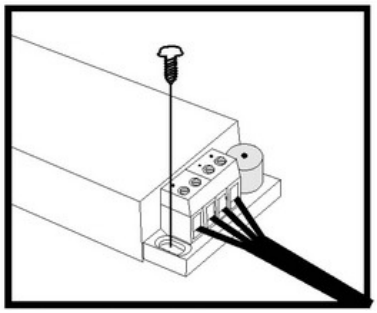


1. Output blue
2. Output green
3. Output red
4. V+
5. Light of power supply
6. IR receiver
7. Manual color selection
8. Data line for synchronization
9. AC negative pole
10. AC positive pole
11. /12. Screw holes

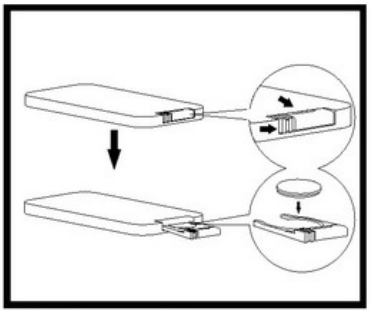
5. Installation



After connecting the wires tighten them with a screw driver

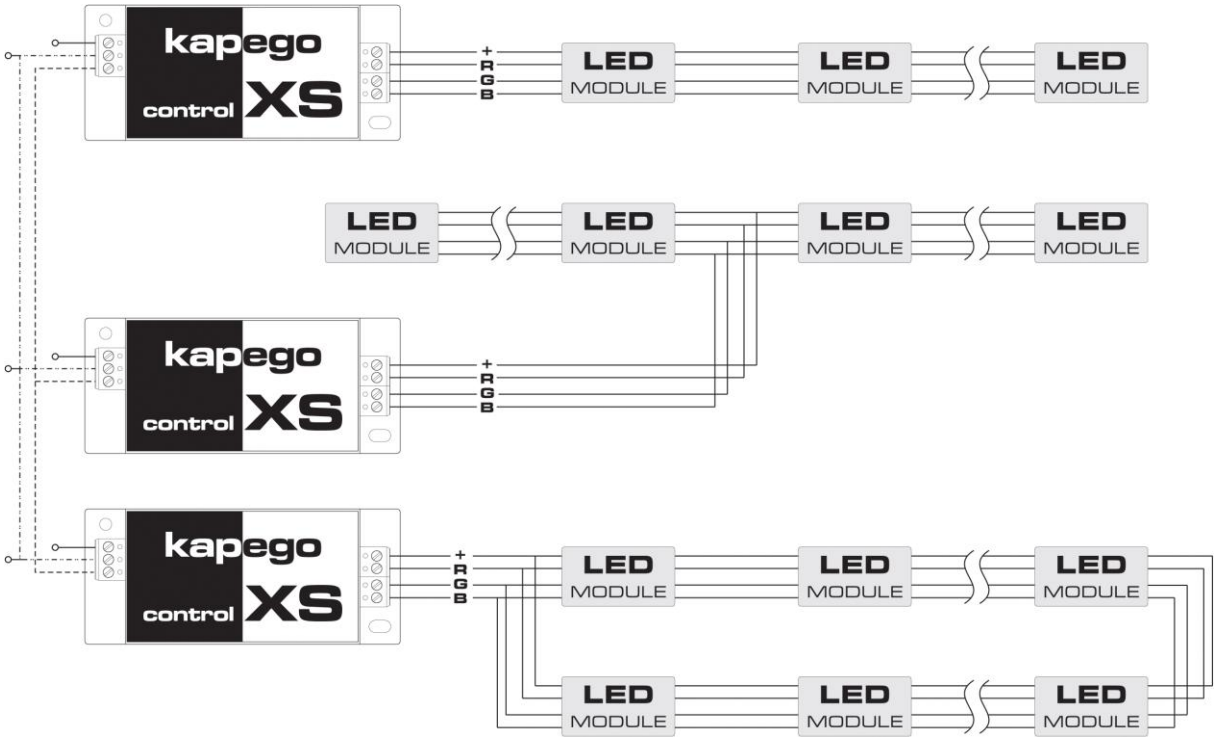


Screw for installation



Removing of the battery

6. Connection diagram



Stated above are 3 possibilities to connect the modules with the controller. The short dotted line shows the data connection and the line-dot line stands for the negative pol.

6.1. Important installation instructions

- Input voltage DC 12 /24V
- Connect only 3 colors 4 wires LED products
- You achieve the best results with the connecting methods 2 and 3
- Keep the product away from water

7. Internal programs of the controller

At each push of the button the program changes as follows:

At the end of a completed cycle is the blackout function (between smooth and red)

8. Optional accessories

Power supply with 12V/ 5A 60W…….. Code S-60-12

Power supply with 24V/ 2,5A 60W…….. Code S-60-24

Power supply with 24V/ 4,5A 108W…….. Code S-100F-24

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